TECHNICAL DEPT.

The Oldest American Aeronautical Magazine

APRIL 23, 1928

Issued Weekly

PRICE 20 CENTS



VOLUME XXIV

Special Features

NUMBER

Potomac Flying Service, Inc. Airplane Dopes and Their Application German Plane Crosses North Atlantic East to West

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Stearman Aircraft

are built with the conviction that economy in the operation of an airplane is fundamentally a matter of ultimate cost per flying hour, and that while these hours are accumulating the pilot and passenger should have every convenience and comfort within the limits of fessibility Tag Sepandar will carry 400 lbs, per load with more which are relacted to satisfy the most entitle.

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April 25, 5008 Index to Contents

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The Oldest American Aeronautical Magazine

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NE OF the Interesting and corross features of the

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and as in other seductree they will gradually force short and the small reminer will drop out of the pie-With the gradual perfectioning of motal planes

Air Transport Advertising T 18 to be educated that the greatest selling point as

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(IN these will early chapters of a roplane development, the Wright Whirlmand Forme is writing its own battery. From Byed's emp to the North

Pole in 1926 through Lindbergh's mude withou the last few weeks. the performance of Wright Engines has been startling enough the peoples throughout the world.

Potomac Flying Service Inc.

Washington, D. C. Company Has Flown 15,000 Sight-Seeing Passengers Within Six Months of Its Organization

By AARON M. BOSENBLEET

CUPTERS THOUSAND sight-seeing names are with a Flying Street, Sec., Washington, D. C. Witkin ther. noticed the company's fixing equipment increased from two pilote, four mechanics, business manager, strengesplus sorrerankey stants and publicity but by the utilization of second methods and neigelples which spoond their worth and value in other summercial fields. fouth Washington, Ya., only tender master ride from the loar Alexalt Co. is seenfest of this company. The other adoptions was not. The assumpt is surport in sighteen.

the and cross-country from rests places for photographic work and also manager a Sping solved with an average or-

adapted the record, or far as statistics are applicable of saves ing the largest number of supht-sears form by any stration Same or or expects.

"The concern has established their by affection to one servative polymer and sound business methods," he stated. And No representar advertising has been recorded to; it has never hold an air stress or strate in an effect to attract nonexect under favorable wariber conditions and the passenger fights have been conducted without story backing, climbs of rides. By payming this policy the company has had no notifient and due to the careful maintenance of its planes and

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was also fiscal that many violent who light sky of the to-

tention. These such are kept, and at the end of each week



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Wing Analysis

Stress Analysis of Commercial Aircraft, Chapter Number Seven

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W.N. ANALYZING an accolung the monal order of precedure. Jour apparatus. For the everage American manufacture inship for operationes in later calculations

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Front Losson

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April 23, 1804 April 28, 1976

Airplane Dopes and Their Application

By GERALD P. YOUNG

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German Plane Crosses North Atlantic East to West

Junkers "Bremen" Flies 2.125 Mi. Non-Stop from Ireland to Labrade at account protect of the control of the cont

P.M. Tautore Standard Toro April 19: This means that the On March 26, Hermann Koeld, Arthur Spender and Bares

WESTWARD NON-STOP pursues of the Month Atlanta the are spain and the fight was started. A opened land; last was capiled in this filter when heavy in a honorarchitecture with two flags, which failed when heavy in a honorarchitecture with two flags.



The Jankers Leb engine develops 339 hp. at 1,500 "We of the lotted wang, which in effect correctes the 160 unber-it when the value made. The stall and correspond tall span

torol total lead ... 1998 h. Deal Story 7,350 ft. be 6,500 ft. (5,000 to 2,000 ta). S must ining (without altitude engine) 18,000 ff

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landley-Page Now in United States To Demonstrate His Slotted Wing

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Biaco, Emo; Alergo, Seria; Atheir, Greco, Mercelles,

their arrival home. Gold medals of the City of Paris and gos which present it have shown their great reliability. the No. 54 Ver type, 22 crimber, water could Hernane, Saint 430 bp region. A firstore story concerning the Paris to New York Sirkle of Codes and Lebest appeared in the Feb. Hull Bros., Inc., of New York City

Named Challenger Airplane Dealer LIULL SEOS, Inc. of New York Off, operator of fivine possed dealer for the Challenger simpleses by the Gates Phy-The Half company territory includes Hanterdon, Wagnes

Elmer A. Sperry Named President Of Guszenbeim Medal Fund Board EPLANER A. SPERSY was elected provident of the Board of Other officers named at this rection were Edward P. Warwasseners in addition to the roles who sele to frust where he has a wide range of vanon. The faci trade, with a tothe leading edge for sight fiving Is addition, magnetice.

rightizer has been fitted with a nine degree angle of adjustnection! Corp., in trimmed with elebel plated sealer burn.



The service Book Streethon which replaces Colonel Lind-

from the instrument board, is provided. The metromeron are unwished; one is fitted with an exterior coach type look

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900 100 Tax. A NEW control engine reconfecturing plant will be not Uncted load To Equip the New Wright Engines With Special G. E. Supercharger A NINGENERALIZED HAS been made by the Ground Ele-

by on account desired for both altitude firths. The unhas resulted in the design of a appendagger which is as

It was a direct result of the use of these aspendence that a new type of surplane engine was developed utilized

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Van Sicklen New Sales Manager Of the Hamilton Metalplane Ca A NECOUNCEMENT MAS been made by the Houlton In-NOOCOCCEMENT MAD how made by the Tracility II.

**Implication of a Milweston, May, that C. P. You shide a Says is though the first through the second of the has been appointed ades manager of that others. Mr to Sickless was formerly sales and advertising incomes of the Sickless was formerly sales and advertising to make it is not been in at possent operating a West P and a Pit-Advance According Co., True, O., manufacturer of the first brown, and two more plants are to be added to the

Fairchild Company Will Open New Caminez Engine Plant Next Month

April 23, 1938

war a proved area of come 20,000 sq. ft. and is to be used are never plant. This will be the first completed unit of a trie Co. that specially designed supercharges the see trie continued in program of the Farefull company



The new caseing fastury, 192 ft, by 153, ft, in was, is so do apad that ris ground nees can be topoled whenever descript

In higher is constructed of brick with steel trauses and after wight our he had at all times together with a large and interested floor space on the builds. In addition, the do-Do actual work of processing will be devoked among eight

We work and to the morth and of the building Outario Marine and Airways, Inc.,

Is Organized at Rochester, N. Y. NEWLY PROPERTY IN Rocketter, N. Y., the Outside Marrier IN in the latter part of Max. The recorn will engage in Training, noted admittage, passenger and express transOfficers of the company becales Mr. Therre are Wattern

Eight More Planes are Approved By the Department of Commerce L'HIRT MORE saydens models bery been approved of late 28. Aur Kon, OX-6, National Aureura Stution, San. 30, Trevel Aur. OX-3, Model 3000, Trevel Arr Mfg. Go. 31. Treves Air, Hessa, Model 2000, Travol Air Mfs. Co. Trend Air, Whirtwood, Model 9300, Trend Air Mfe, Co.

23. Buhl Agreedan, CA-5-A. Buhi Arrenti Go. 34. Leaving Amphibian, Woop, Leaving Assessation! En-35. International, F-17, International Asserts Corp. Chance Voneht Company Acquires New Building as Orders Increase WITH INCHESSE in services notice prescritation able tonel fugities, the Chance Venels Copy, at Long Island.

City, N. Y., has negatived a new building adjacent to the Assembling and freehing of both fundages and wing sections is now being done in the new building, while assembling of nexts is control on in the old plant. A third building, feet-New Model Ford-Stout Monoplane

To Appear Within a Few Months THE STOUT Noted Auplane Co., division of the Ford Meter Co., is bringing out a ligher powered model of its three-cornel true. The new place will be powered with three Prott & Wheter Wasp stations developing 600 kp. of 1000 warm. It is understood that a synther of these places are an order and now in the process of eccetrorian. They

Ryan Brougham Monoplane Price Raised from \$11,500 to \$12,200

PRICE OF the Eyer Strongham recorplane has been related from \$11000 to \$12,200, asserding to a report from the B. F. Malcoay Arrenth Corp. of Suc. Diego, Colf., marrofactorer of the plane. The price successe, if is statut to be away improvements. An extra charge of \$160 will be made for emigraces with steel propeller, the company states forAVIATION April 33, 105 Practic Bombers Being Built

Last Minute Briefs The Arm Berelopment Co. of Galar Repole, In. or detail.

The Brong "Planege," beplace Bying hint has been toried in the waters may Bestla, Wash.

Mills Argulus Produce, Lee Angeles, Calif., in developing a 131 bp. are could cape:

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Arthur C. Chester of Essencer Green, Hr. has taken the Travel Air agency for Northern Blacon and Incidate. The Miller Corporation at New Breacench, N. J., has bereast deather for the Travel Air pitters for filed vasisity. The Stat production Makint suggest as being variabled as a $N_{\rm constant}$ and $N_{\rm constant}$ in heavy variabled as a

The Compute Spark Ping Co. is producing a new spar plag for relation engines. Short Air Services, Inc., plans no enterous of its Detail Greekend line to Choosy.

The Weslengton, D. C., Boxed of Trade will sharily not officed time tables for air small plane albeholes throughout the openty.

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To be Sent to U. S. Possessions

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Los Angeles-San Antonio Passenger
Line to be in Operation by June 1

REGULAR DALLT passager service betwee Los Agele
and See Assess, Trons, will start not livier than Japa 1

assessing to a recent assumement by W. G. Budyrdin of

mentaling to a record amounterment by W. C. Earlywin of the Paritin and Ord Arleina, a Lies Augules encourse required to Install this artime. Earlywins said that a trip will be made such way furly on a sub-stall of 32 he obsysted time. Be were still that an equivment of two 10 passenger trivengland sunopleans and

Production Started by A. V. Roe On Avian III Using Cirrus Engine A. V. SOE & Co. Ltd., Navino Heeth, Manchester, Eng-

244 ep. ft. and m of sturber contractor than the Axian II If worshed 1600 ib, loaded. Both of those whereas are newered with the Cirrys II engine rated at 75 kg, at 1,600 n.p.m. and developme \$6 to at \$200 years. With this seems the Arises (III in classed to have a high speed of 200 marsh at malevel and a high speed of 100 m.p.h. at 5,000 ft. The plane of 50 to 200 vd. after hardow. It takes off to shoot 75 vd. The Avise III to of wood construction with steel strate an wate brancher. The conducts are in tenders with the res-

Pioneer Instrument Co. Receives

Two Large Orders and Contract RECEPTION OF large reden for intronsect from the

Airplane Dopes and Their Application

To prevent excessive determinate, an opaque presauportages. This opaque protective coating is a 0 to mail. enty withstend a few months' courtest exponent to the way. There has been perpared within the past few yours ago. reston of dopper preparation which will give coul uncomethod of application than that merticaed above. The disrelieve consists in spectrum four costs of a new consess dear to the fabrus and finishing this with a gloss does

June 23, 1928

a sender: a high place fleich, which adds only to the value

of the pix-re in appearance, case should be used an accuracy

The per-out day necessibile insurery, while entirely said gle for 1- over any motal murface, are too bridgle to be of ap ratus - ben applied to deput fabrus

They no reveral were of productor a stone family. The and method has been to varuath over the doped surface with

a money method in to milk with the commonweasted done

taking out produce a gloss surface. An advantage of the

with new costs at may future date to give a new solar or to

a fixed method of functing as to apply over the clear depe e ami-currented depe understate a faith of lacouer slauler

Con Figured from Area to be Finished

The use of this ashests berstrates the use of clear rate. virginial door is sufficient to avadence adequate transaction reflected surveyed enternal to affect the breaking, draw. wight four costs of the non-commented does well one of in animals' languar, but made more devote by the addition

The falver should be stratched to a neglocy degree of her

Namedly four costs of dope will produce sufficient but

The ol; of the pairs should be purked or freped about wh to ri -switter of the wang as well as over the patch.

The rest, of version dops schemes are be figured from the

The hole of our hard operations to not better occupance will be

The load factors received must be determined from Fig.

the net lift had. The persitant force E is haved on the tr-

The senior of pressure of many comments used wings as keted for the various fight conditions in Table 55. For wing of prevence neart he taken so its most forward montage: the Now mendance possions or taken on the possion at the angle when K. - 0.00K, surrouses. These return over he readily

Wing Analysis

Contact of Freezent London and Ratio of Chard-to Steen Composents for Furthern Audicia C. F. Longillon in G. of Chart

43464 H. I

The center of recovery business for "Stable" surfade to the

a ratio. The left force on an airplant always sets at right named to the word. Thus in illustrated for high and low chings the lift farm to nearly contrides with the beam from that they are taken as equal. That is, the not been firme In high presidence the lift head and the beam load are at

The length of sputs overpied by the finelegs to I media 4-The relative efficiency of the wage is determined the on the opper wing to that on the lower way at a fundament is always not in secretal fight (in which condition it is of the psychod ratio and starger in degree. Then is

Exemple: Clark 1.--to determine the rates in high men-L/D at angle : = 14" = 99

 $C/B = Tax(5)(-14)^{\circ} = -9144$ which is the value The Department of Commerce, the Army and the Newy all control 1.—Compute or estemate the green weight of the plane. 4. Compare the solution ofference of the mines of the b

S-Concrete the normal gross beam land on each were

of design may be made as follows: I-The gross weight as taken from the General Data cart-2-The effective open of a wang of constant shood and sonacellee, and no allowance for top loos. The effective com-

certainty (E334.) in midraried from the sourcepan to given deferred a deal worth per each were must be I under

the Killedon Servicing

When two wines of different strickl assistan are seed to perfection. With other combinations a wind branch ton and be made on a very consciouted theoretical state

W---___ set W__ = ex-Where We is the gross weight of the simplane in youth

e is the efficiency of the upper wing as obtained in Ly in the effection seas of the lower wine is indeed

We may be taken as half the gross regist and Le stil lest

In designs where the clothe of the two wares or percent



Reserve Power

RESERVE POWER in all arcraft is of great importance, and a necessity in commercial aviation. It provides a greater factor of safety, increased dependability, and longer life. An important step in American commercial aviation of 1928 will be recognition of the

"WASP" engines in the Fairchild monoplanes of the Canadian Transcontinental Airways provide the peressary RESERVE POWER - Quick take off with the combination skis and pontoons with which this ship is equipped, is vitally essential in the transportation of the Air Mail from the mouth of the St. Lawrence River to Curbos

DEPENDABLE ENGINES

7.—The normal cheed load per in run on each wing shall

bonal to the docresse in cheef length. In date: using to mail that the air forces and the dead wought of the wang leads on a wang tapond in plan only the ponedar is an equal tool very in proportion. The beam and cheer lar to that for constant shard wangs savept then then my last for such a wing are found by computing the dimendealt with medical of lengths or spans. After the histories and for "equivalent wing" assumed to be of constant multiplied by the appropriate cheef lengths to fire the man but speed in plan form only. The year of the convolers of lead per melt of span. The detailed modification is in the The deal weight of the wings is computed in possings

Where As and As are the effective areas in agreen last if equal too recoon multiplied by the theorem ratio at the where as and As no the emerge areas in square fad at two more record finings on the increase ratio at the tipe upper and lower wangs, respectively, and Mo, and price and divided by the thericans ratio at the root of the

as the man for each votices. Thus the warm is the same as a support on thatkens with only when it is by then at the root lest yet to not considered upond a penguity : plan form and the thickness warms from feet

thickness became the reduction is depth in direct pages of \$1.00 the thickness ratio of a viring variou it in the

When the wing is typered in both plan and thickness

point to 6.5 of this value at the wing top. This fancour is any represented by curve A, B, C of Fig. 54 should be inand outer buy lift wires should be recreved 15 per cont. to address the event lead to the over between the exterment hose recreased 16 per earth. The areal load as the year schooled

properties for rough to allow so shouldn'y comet wind

et the root. Then so yout what we did up (b) but no the want

Standardized All Metal SEAPLANE FLOATS EDO Aircraft Corporation College Point, L. L. N. Y.

VILLEE TOU for manifestory ATTATTOM

Passen Field, et Madison, Wisconsin, is on the Critera Twin City Airway, Its wide currence form a large letter T, 2000 for 1200 feet, Although Pearce, Field is typical of cours American errores, at has lighting equipment includes seventeen boundary Rahts. The lighting exceptions are strong between wind-over and himse lights. name, a physics in the manufacture of airport-lighting equipment. GENERAL ELECTRIC

Madison Lights **l**

April 71 1902. Alter for sexual not been look as a very her been fruid we may now do that and then obtain the daugh look in spar tip leading to be foresisted. Then no sake on your a m to theory to distribute than between the spars. With lift wine. Application of Cheel Londs to Internal Wing Trem shood length from the up, the following method of halo the pasel points of the retenual wass trues or drag trues as it is more community railed. The head at each work point in For open taken authoral of the inflation rount. The tim levels is their Stead Been Room Lands For The Discriminating Purchaser: THE AIRSEDAN ATRITUE OPERATORS will set first confiden in the artisal bosin load. If we have cult to know just what is happening as a door. For per ponen of stress analysis however the fallowing smalltions marks by these natual house loads. In this warmer we have consequences. The cabin has excepfight scuditions. If our plane is such that the outboard retionally comfortable seats for four nearl be the same as the design ultimate loads on those spars In the branched field modifier. In other much after the large management and the relet's visibility is unexcelled. Two Books Indispensable to the Aviator THE AEROPLANE SPEAKS PRIVATE OWNERS will an-By Captain Horatio Rarber prove of the fine appointments ALL THE PARTY AND ADDRESS AND ADDRESS which are relected to satisfy the the week, adopted by the United States Consumed for one in the personnel of a supple, non-medicanhal yet necessir handlered in elementary and advanced from a classic study, and consult region propolities and measurement h a stop-like as in completity and a satisfy congressionable to the Inputs Francisco Alexander Klemo, of the Daniel Congressions School of Accounts of New York University on as to be Interpret. CORPORATIONS designe to classed in work of groups in the cleary and specimen Ecocythang at sample and movement keep step with the process of the TO Printer 30 red and distraction shoring types of exceptions shortness and diagrams \$3.50 transporting executives and per-Aerobatics tapered wings it ends at the section whose should test wisonnel to widely separated branches. the decisioner from the try. From this point the leading by from the field value to this of this value at the Co. The it from tweet on excellence, or the number factor about figure, in all engage reportment in student and instruction We will be glad to assist you in officer of the Art Creys of Weshington says or his association.

I have had account many times to noter to the heat on order. determining the adoptability of this Sage Graced William Middell. "I have arribed bet preter for the careflest work — a deal purpose took reducible able to student and interestor." ISSN as all insteadors on the authorize ROBERT M. M-BREDS & COMPANY Poblishers Maryville Michigan 7 West 16th St. New York

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are acting anyward and a band is setting down on the 1-1 and and communition Y or obtained and an ibers in the force in a with LEBLOND MOTOR noted transport. Their as the new year space on the common countries.

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SAFFTY - 400 MILE CRITISPAN COURT AIRMASTER COURT and on I bester this. The YOUNGSTOWN

wentence and comfort of the rider, with

mark resonan to stick and rudder, will ones West - or over - for full

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OHIO AFRO MANUFACTURING

CORPORATION Youngstown Ohio The fibbs Arm School In Connection With Pectery Catelog on Report.

TRANK TOO for manifesing ATLATION

Potomac Flying Service Continued from page 1167 tam encounter for the Patomas Flying Survey to very the

This shouler comprises very unsely all the rules of wing

Field are on the sahe of that company. Whenever a sake dever section a Learned who wants "to see" Washington, then needly follows on induced supervision for a flight over Wash

"We are careful, however, what hind of walthour man late and ever petaled, one showing a four place cells plane and the parson. I have so double that those 'stories' shoot sman. my stavis, tricks and drops only extensified the behaf of the everage man that for fying one must have a special market on taken a fincht leave two or sever of those cards. Prog a a source of Streems and then it is one of the best forms and physical engineers. What we are trying to put access of adventures throughout the equation. s that any one wife good eyes and common sense can fly Judenting Observed are seempty.

Junear Contests Two men were employed for one perof course some filtels that once for a night-woney dight one bee to be a special true of server. And I do believe that some of the "Stant" publicity is responsible for that heliaf. many and the Potoman Flying Service. These man are have to reduct men. Their business is to create good will "The newspaper reporters are always many the latest innose who are selling the fight bekets, volunteer to help so the formalism recepting new types of planes, new amendment nice with 100 Milliony was regard wearen, weaponed on every so was we give them free rides. Escently one of the reporters was

(erd 23, 2926

Mr. Berliner realized that the favorable improving socialentained and even streamlished ofter the reconstitute year. sangers or pupils server at the apport many. The whomest looking building in the first these that weeted to distributing their fichets but in helplay them to sale mucov for themselves. What the leafet and other ad-

gene ... 'expectedly when it eas's given next you a thing believe in neversions undertood stated the North of Section

strikes the visitor. On entering the building the visitor finds a nest waiting room partitioned off from the office by a railwhere matter misses the contest men complete by their Strengther Publicity. "We can get except become withof our cases sublimits. That does not make that we do not of oil waste or group from togs frequently found in the

that the newscaper publisher we recoved from the Westman, too peners krought out many residents to take a flight and

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, note with a detailed explanation of the various recovery units for influence linears, the cost of the course and a state-

no word or of the folder. It promises no postion, or even rates on a regression made about the case with which one

the compart are to a straight transmitter them come office course variety. But there who monelly are interested write

The manager again illustrates the effect of the Potomac

if a harrow without any extreme promise. The covers of the anti-looms with of a shift blos makes with the name of the

manually and the sensor persons on the trees over. On the

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tographing of certain parts of the state. Many 1 to your elso made for motion picture emourns and years. If our work is also por-un! in the management of the first what

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lights become or an enty sacer ewe passes. The Petoman Phylog Service is now making arrangement s light over Washington on past of the discoury of every what who is nother their medance. As the tourist arreser one out the show-places the centerner in to visit in Wash-Another plan new being formulated, in a fle-up with the We minority that it was immediately made the arrest without of on a weath passenger but on the true of plane. When I livered winhas to go anywhere in a two-reader plane by

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Mr. N. V. G. tells a story, worth passing along, along a

prior who was recently assigned to ferry a very slow planon a nather long overnountry tree. He had warmed to eagure up, mayed the checks away from the wheely and we about to start and when a final springing of his in-in-

in Artanus reserving the new Food sirplant recent to when throttled down to 1000 years." The case supports in pleasing that severe to us officed, C. W. H., is that the

Because of the warrier of the interpapers and various per-Corey Joses turned up lets at a pearly secondly was telly

tors and different ways of averaging the procedur, withou

Side Slips

FOREIGN NEWS Sr Accord Arrangement with the Transportation Division.

A Insuneze Flying School

sea Aviston School has been arguested and correct to firour Tritis, reports Temetra Arba, provident of the vehical

French Ningscot and Breiten Aven planes are used by the

A some on the mirport of the Nappen Arnahou School near

ir the Japonese, which is present with a Haussen-Tours 30 30 ragine. A roses of shadonic are carolled for the error, one of them being a print Japaness woman of 29. French Air Clubs Hold Sixth Congress Treach car rindo severally held their code sectional con-

Norm percent. Other managers farmend a separate for the

Green Makes Record Ascent in Glider in many 1 860 ft, above his starting need in 45 mm. For

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AIRPORTS AND AIRWAYS landour fields were not available. Mr. Sprey showered to

Garden City, Kan.

terfold Plyon School, and the eryspecture of an N t t arrelance from Hutcheson, Eds., the import group over to - four fact white lime ribber which marks the edge of -1 100 ft. by 2.640 ft. field. Turnity acres of and year the certaint, and in addition a powerful beacon visible at a fir-

needlessews. The light potates some taxon a manufa, and a 900 contrapporer. And A modernic analysed admiratively building office eracounties may be purchased, while a rest room contains our modelner factores of the abmosstrators buildess melade a struments for secretalsing washer conditions Ill which marked the official opening of the Flying School.

Soomblee, mechanic, are using an American Eagle ofstee for Chicago, III. Cricago, Inc.

Bud Garner are send voted of the Robertson, According Corn. I be \$4 min therefor setting a new record one negotia shorter Mary then 100 large of Tolden Technical High School know coverind as Arre Clab. Those there have been alleged them

for me after school and three contractors are action them ... Mary then 1,000 persons have taken sightnessing trips over of secondary has been autorated a number of the Chicago Acre. Correlates by Mayer Thursday, Hope is approved

a 5750,000 mooring must for dirighten

one the primary comparing in which he was a confidence for Baker, will be fully engaged by Jane I. The set haste

Sherman P. Voccheen, chalges no of the Ariation Committee

a number of the New York State Aviation Conference in

electorate with printed appeals for support. His picture

22,626 m; on the Change-San Practice stream dering

F. CONTRACTOR A server of tracacce conditions within a locate to the

Munch, according to W. A. Patterson, Chicago manager, The

Electe is about to be underliebte, by 184 Elected Acception

of Commerce Average Commercial In contracted with them here of comments of courty today off other seek how of cottent a reprised for a new air read rante 60merur of the

city. Emphasis is being placed on the ideal location of D

surgers. Passenger Santa Bown ton Elmira, N. Y.

5-b) The runways are in good confition and fights law averaged one nee day all winter, as well as a sumber of de-

nature) Hannes, one of Euchester's voterum there and now Small a lettle measuring strategy land to the garden of arrived force to Albert, a village near Borbester, a lattice at my of proked of up. Londe the found a memory order Deluth Minn.

of it really for occupancy as a very short time.

April 21, 1901 April 23 1926

ne made a brief stap ever on his thousand wife top at 4th-Virginia Minn. t H Sizel, the trentity approved Englewick dealer in the

C'Annergolie, will for the plane to the Twin Ciffer from each there to be hold in fit Paul during the letter part of

value or Tokolo and the vightly, all engaged in correlar Peters, ro, flight instruction, or some other force of work. The last spendors are like Way, Lor, which has not new Austin Designs and Builds

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who, will have five plause in use, and the American J.o Yes. Van Volkrekens, who designed, built and des as completed a new two monoplace for Dr. Phaire, mi of ac-

other a DES expelie of corrying five or say person. director of recruitive of the communion. Echert E. Conty. preparation of the planter, and Charles A. Hitted, charme. beginning to 30 boys less them 16 years ald, and will met

markly to one of the office rubbe releads. Reader the said and arrived to Givenin on an adaptate time. This payed we Coy, according to officials of the company, was greater that

Worcester, Mass.

Two air said breas have been placed in promoters you teens in the safe by Pustmarter James F. Heale in an afest had Pottenator Healy believes that the assumit of benieve when will density will make a stop or Whitel Port her necessary. The Columni Air Transportation Ca. accepting recountry. Her Colonial Air Transportation Co., synthety is never more. The plants factord at the government suspect the air much between New York and Bookes has accord for low. It was round off, and the exceeds were knowled by west storie, has been should president of the Westmann types are more given rides as the place during its stay been. No. to married Chapter N. Johnson, first provident of the or A side tip was made to Pine Blaff later. On this tree, Mal.

in Whitfall, and James P. Whetfall have been chosen as a mind point. The plane left later for its next stop, Mesophia. Henry Wells, who has been pricting on the Key West in Havana line sizes Suneary, was a recent vestice to the size Havener line sizes January, was a recent vester to the state of Satt Lake City on an evision contax was recently be has accounted a position with the Fukker company of a point of here by Charges M. Young, assistant accountry the print soil something to the engineer. Walks was out of

Casas: Grove, Ore. month order a few feet of source was available, the Cottage Court A to Cinb recently set up a despicy at the second on and held on the city, packing those few feet with an many

ged 21, 2928

Income to enter the exhibit came shortly before the show-

named: a first available. His expectate that a beaute he

signal of this city as a segment that on support is namely may



ings diverse Aura Clade members arranged their deploy to deale quint time, and an energy or promoted as a result of On for some any mail Dorwhere; and once there was bille ine to space, one of the P.A.T. soul places dropped the cost deal of attention was eligated by the stead, and busi-

ently of having an airport, soon gathered in conference ud deciled as the building of a memorpal field. Little Rock, Ark. A count of over 10,000 is estimated to knye seen the triupon Ford monoplars of the Texas Company, soloted by of Latt. Rock. The place handed at the government airport

is named a reach. Soverior Parent of Aranana, the MayAdm. Ralph Etria, president of Wassester Polyticinal in "of Lutie Rock, chamber of communes affalials, and even 100, 30 morrod George St. Johnson, first president at 100 or a new up was made to Pase MRE 1000. On the true, Majoration. John Lend of Whitesville has been elected not 1 Come, communiting officer of the 154th Observation proposes, role later; of witnessees are seen executive to builting and James White a director, Mr Land, M Who Spatier, was in the place and with Ceptain Hawks as

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April 23, 200 Devil 23, 1928

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